

# Qun-Li Lei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6561610/publications.pdf>

Version: 2024-02-01

20  
papers

402  
citations

1051969

10  
h-index

843174

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

578  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical study of dynamic zigzag patterns in migrating epithelial tissue. <i>Science China: Physics, Mechanics and Astronomy</i> , 2022, 65, 1.	2.0	1
2	Barrier-controlled nonequilibrium criticality in reactive particle systems. <i>Physical Review E</i> , 2021, 103, 052607.	0.8	1
3	Self-Assembly of Isostatic Self-Dual Colloidal Crystals. <i>Physical Review Letters</i> , 2021, 127, 018001.	2.9	10
4	Entropy-controlled cross-linking in linker-mediated vitrimers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27111-27115.	3.3	19
5	Supercrystallographic Reconstruction of 3D Nanorod Assembly with Collectively Anisotropic Upconversion Fluorescence. <i>Nano Letters</i> , 2020, 20, 7367-7374.	4.5	17
6	Hierarchical glass transition of hard hemidisks with local assemblies. <i>Soft Matter</i> , 2020, 16, 8108-8113.	1.2	2
7	Thermal-Disrupting Interface Mitigates Intercellular Cohesion Loss for Accurate Topical Antibacterial Therapy. <i>Advanced Materials</i> , 2020, 32, e1907030.	11.1	75
8	Mechanical Tolerance of Cascade Bioreactions via Adaptive Curvature Engineering for Epidermal Bioelectronics. <i>Advanced Materials</i> , 2020, 32, e2000991.	11.1	17
9	Melting and re-entrant melting of polydisperse hard disks. <i>Communications Physics</i> , 2019, 2, .	2.0	15
10	Hydrodynamics of random-organizing hyperuniform fluids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22983-22989.	3.3	45
11	Nonequilibrium strongly hyperuniform fluids of circle active particles with large local density fluctuations. <i>Science Advances</i> , 2019, 5, eaau7423.	4.7	81
12	Self-assembled multi-layer simple cubic photonic crystals of oppositely charged colloids in confinement. <i>Soft Matter</i> , 2019, 15, 3104-3110.	1.2	6
13	Three-Dimensional Non-Close-Packed Structures of Oppositely Charged Colloids Driven by pH Oscillation. <i>Journal of Physical Chemistry B</i> , 2018, 122, 3196-3201.	1.2	7
14	Self-Assembled Chiral Photonic Crystals from a Colloidal Helix Racemate. <i>ACS Nano</i> , 2018, 12, 6860-6870.	7.3	22
15	Complexation of Polyelectrolytes with Hydrophobic Drug Molecules in Salt-Free Solution: Theory and Simulations. <i>Langmuir</i> , 2017, 33, 3900-3909.	1.6	10
16	Driving dynamic colloidal assembly using eccentric self-propelled colloids. <i>Soft Matter</i> , 2017, 13, 8940-8946.	1.2	32
17	Role of local assembly in the hierarchical crystallization of associating colloidal hard hemispheres. <i>Physical Review Materials</i> , 2017, 1, .	0.9	3
18	Kinetics of protein adsorption/desorption mediated by pH-responsive polymer layer. <i>Chinese Physics B</i> , 2015, 24, 113601.	0.7	4

#	ARTICLE	IF	CITATIONS
19	Crowding-induced Cooperativity in DNA Surface Hybridization. <i>Scientific Reports</i> , 2015, 5, 9217.	1.6	27
20	Modeling Stretching-Induced Immiscibility in Nonmonodisperse Polymer Systems. <i>ACS Macro Letters</i> , 2015, 4, 1033-1038.	2.3	8